

ABSTRACT OF THE DISCLOSURE

A solid bowl helical conveyor centrifuge, including a rotatable drum having a horizontally-oriented axis of rotation and a rotatable screw arranged in the rotatable drum. Also included is at least one discharge opening oriented at an angle with respect to the horizontally-oriented axis of rotation. The at least one discharge opening is configured to discharge solids from the rotatable drum. An adjusting device is assigned to the at least one discharge opening and by which adjusting device an outlet cross-section of the at least one discharge opening is changeable. The adjusting device includes a movable adjusting disk arranged in the rotatable drum as an extension of the rotatable screw, and which movable adjusting disk is non-rotatably connected with one or more of the following: a) the rotatable drum, b) the rotatable screw, and c) a screw body. At least one connecting rod is fastened to the movable adjusting disk.